

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

#### **Listing of Claims**

1. (Currently Amended) A method of diagnosing a system, comprising the steps of:

performing in a batch ~~two or more of diagnoses selected~~ a plurality of diagnoses selected from the group consisting of a trap operation diagnosis for diagnosing operational conditions of a plurality of evaluation target steam traps in a client's evaluation target system, a fluid leakage diagnosis for diagnosing leakage of fluid from respective portions of an evaluation target piping in the evaluation target system, a system improvement diagnosis for diagnosing need or no need of system improvement in the construction of the evaluation target system, and a maintenance improvement diagnosis for diagnosing need or no need of improvement in a maintenance system currently adopted by the evaluation target system;

inputting results of the plurality of kinds of diagnoses performed in a batch to a diagnosing computer system and causing this diagnosing computer system to perform data generating operation based upon the inputted diagnoses results according to an aggregating program, thereby to generate comprehensive evaluation data for reporting in batch results of the plurality of kinds of diagnosis performed in a batch to a client; and

reporting in a batch, with the comprehensive evaluation data, to the client the results of the plurality of kinds of diagnoses performed;

wherein in ~~reporting the result of the trap operation diagnosis, the method reports~~ response to the input of results of the trap operation diagnosis, the comprehensive evaluation data includes reporting on an economic advantage obtained through reduction in trap-passed steam loss by replacing or repairing all the evaluation target steam traps, the trap-passed steam loss being calculated based on the ~~result~~ results of the trap operation diagnosis;

wherein in reporting the result of the fluid leakage diagnosis, the method reports response to the input of results of the fluid leakage diagnosis, the comprehensive evaluation data includes reporting on an economic advantage obtained through reduction in fluid leakage loss by

repairing leaking portions in the entire evaluation target piping, the fluid leakage loss being calculated based on the ~~result~~ results of the fluid leakage diagnosis;

~~in reporting the result of the system improvement diagnosis, the method reports~~  
response to the input of results of the system improvement diagnosis, the comprehensive  
evaluation data includes reporting on an economic advantage obtained through improvement in a system construction found ~~needing improvement~~ by the system improvement diagnosis; and

~~in reporting the result of the maintenance improvement diagnosis, the method~~  
reports response to the input of results of the maintenance improvement diagnosis, the  
comprehensive evaluation data includes reporting on an economic advantage obtained through improvement in the maintenance system found needing improvement by the maintenance system diagnosis.

2. (Currently Amended) The system diagnosing method according to claim 1, wherein the batch performing of ~~two or more~~ the plurality of kinds of diagnoses is completed within one diagnosing day and within this diagnosing day, the batch reporting of the diagnoses performed is carried out.

3. (Currently Amended) The system diagnosing method according to claim 1, wherein

in the trap operation diagnosis, operational conditions of a plurality of steam traps selected from the evaluation target steam traps are diagnosed; and

~~in the~~ wherein in a calculation, in the computer system, of the trap-passed steam loss for all of the evaluation target steam traps based on the ~~result~~ results of the trap operation diagnosis, this calculation is effected deductively in the computer system, based on the ~~result~~ results of the diagnosis for said plurality of steam traps and information relating to a ratio between the number of said plurality of stream traps and the total number of the evaluation target steam traps.

4. (Currently Amended) The system diagnosing method according to any one of claims 1-3, wherein

in the fluid leakage diagnosis, fluid leakage from respective portions of a part of the evaluation target piping are diagnosed; and

~~in the~~ wherein in a calculation, in the computer system, of the fluid leakage for the entire evaluation target piping, this calculation is effected deductively in the computer system, based on the ~~result~~ results of the diagnosis for said part of the evaluation target piping and evaluation amount ratio information between said part of the evaluation target piping and entire evaluation target piping.

Claims 5-29 (Withdrawn)